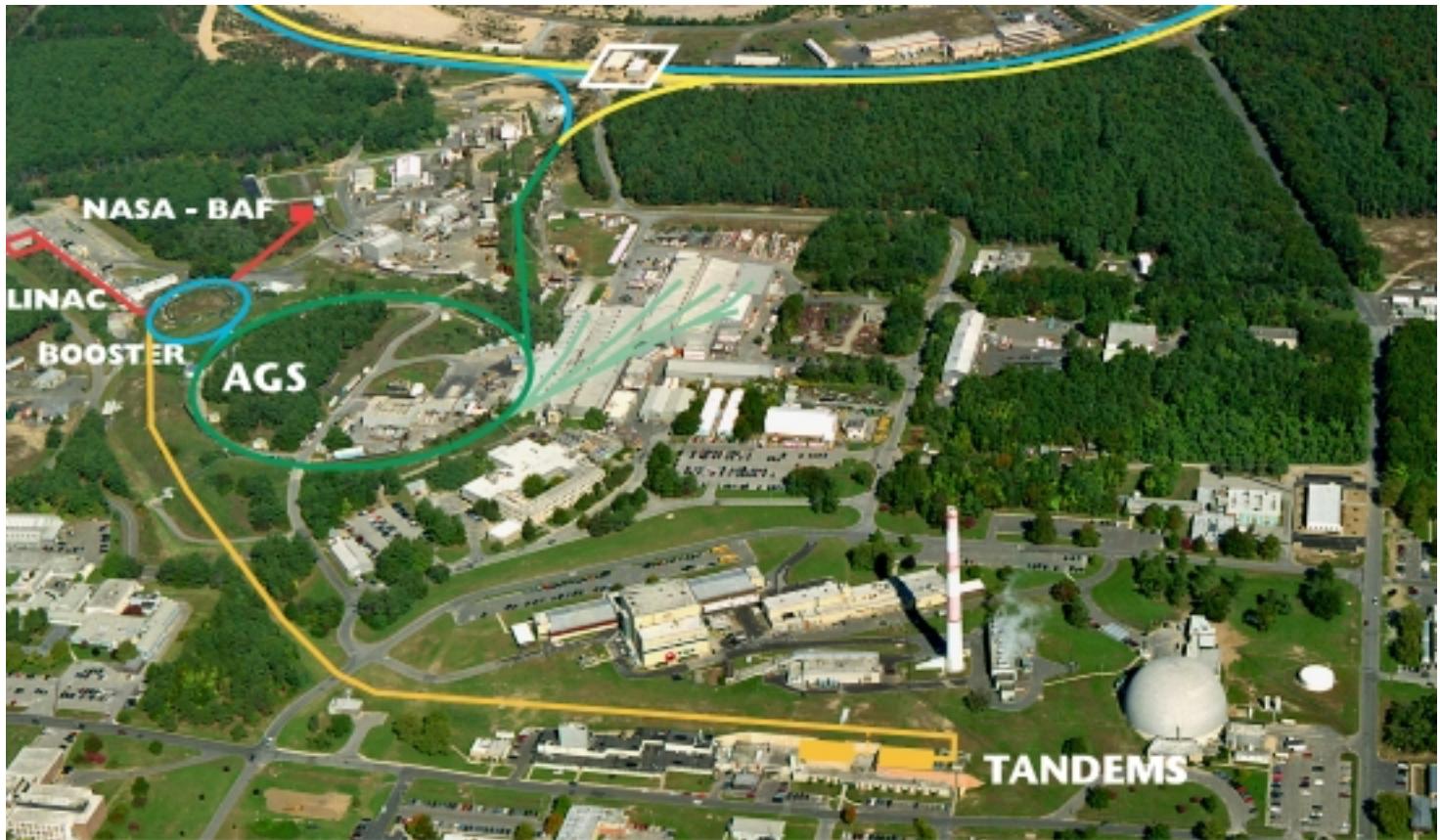


Brookhaven National Laboratory

Capabilities with Nuclear Physics Supported Accelerators



LINAC 35 mA of 200 MeV protons.
Medical isotope production.



AGS
 7×10^{13} protons/second at 28 GeV; ions up to gold at up to 14 GeV/nucleon.
Radiation biology, gamma ray satellite calibration, proton radiography for stockpile stewardship.



Booster/BAF
4 GeV protons; ions from deuterium to gold from 40 MeV to 1 GeV/nucleon.
Radiation biology.



Tandem Van de Graaff
Two 15 MeV accelerators provide ions from deuterium to gold at 1-29 MeV/nucleon.
Electronic upset studies, materials preparation.

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